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PATENT

HSB
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M. J. Regan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Naokuni MURAMATSU, Kenji SUZUKI, Tatsuya TSURUOKA,
Susumu KAMINO

Application Ser. No.: 10/077,184

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Confirmation No.: 9515

1,23 Prior Art
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For: SETTING CONSTRUCTION OF SHIELD CASE OR PLANAR ANTENNA
ON CIRCUIT BOARD

Box Patent Application
Assistant Commissioner for Patents
Washington DC 20231

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Janet M. Stevens
Janet M. Stevens

PRELIMINARY AMENDMENT

Sir:

Prior to examination, Applicants wish to amend the subject application as follows:

In the Claims:

Please amend claims 5 and 8 to read as follows:

B1
5. (Amended) The connection structure between the planar antenna and the circuit
board according to claim 1, wherein a film made of electrically insulated material is
laminated on a surface of the planar antenna element opposed to the circuit board and/or a
surface of the planar antenna on the other side of the surface opposed to the circuit board.

B2
8. (Amended) The connection structure between the planar antenna and the circuit
board according to claim 1, wherein the planar antenna element is made of brass, phosphorus
bronze, nickel copper, titanium copper, Corson alloy or beryllium copper.